

# EMERGENCY WATERSHED PROTECTION PROGRAM

**A Federal Recovery Program**

Not a prevention program or  
flood control program

Addresses watershed impairments  
caused by natural disasters



# Natural Disasters: Hurricanes, Floods, Tornadoes, Severe Snowstorms, Fires, Earthquakes & Severe Droughts





# Things Happen Quickly





**Sometimes things are simply left in a mess.**



# EWP technical & financial assistance may be made available, dependent upon funding, when:

- 1 – The President has declared an emergency.
- 2 – The State Conservationist has declared a local or State emergency.
- 3 – The Secretary of Agriculture has declared a drought emergency.

Reduce threats to life or property from  
a watershed impairment.





**EWP actions are initiated by local requests for assistance.**



# ELIGIBLE SPONSORS

**Local units of government,  
State government, or Indian tribes**





# SPONSOR RESPONSIBILITIES

- Twenty-five percent of the cost
- Obtaining permits
- Landrights
- Operation and maintenance if needed



# EWP Cost-Share

- 75 percent of the construction costs (FA)
- Local sponsor can earn up to an additional 10 percent (TA) when performing technical services, while administering a LOCAL CONTRACT, such as :
  - Planning & Design
  - Administration & Contracting (bid process, etc.)
  - Inspection



# Time Limits...

- Requests must be made within 60 days
- All work completed within 220 days







**Damage Assessments**  
**NRCS uses a Damage Survey Team**  
**to determine site eligibility**



# Typical EWP Work



- Debris Removal, Streambank Stabilization, Protection for Structures or Infrastructure in Harm's Way



# WOODY DEBRIS





# Narrows, Virginia 2010 Flood





# Hard Engineering Used When Needed





# Gabions

- Create vertical walls which saves space.
- Provides proven protection and sound engineering designs
- Provides little habitat





# Establish Low Flow Channels





# Rip-Rap protection for building





# EXIGENCY SITES – work must be completed within 10 days





# Relocation and Floodplain Easement Options

- The ultimate long-term environmentally friendly solution is to move structures out of harm's way.

# OPPORTUNITY to Improve Future Federal Recovery Efforts in Virginia





# Silver Jackets Program

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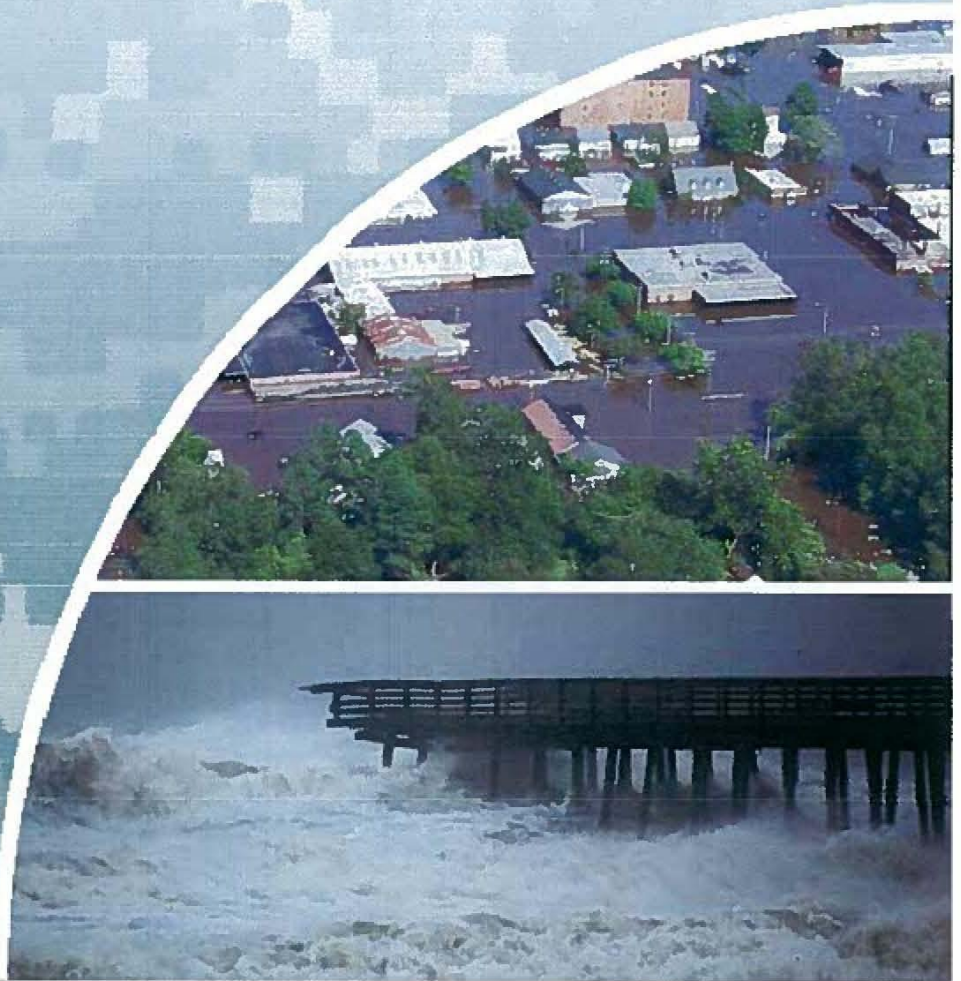
Flood Plain Services Section

Norfolk District

11 August 2010



US Army Corps of Engineers  
**BUILDING STRONG®**





# Charter Members

## Virginia Silver Jackets

- Virginia Department of Emergency Management
- Virginia Department of Conservation and Recreation
- U.S. Army Corps of Engineers
- Federal Emergency Management Agency (Region III)
- Natural Resources Conservation Service
- National Weather Service
- U.S. Geological Survey



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